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(71) Applicant (*for all designated States except US*): **WIRELESS READING SYSTEMS ASA** [NO/NO]; Skrederveien 9, N-1537 Moss (NO).

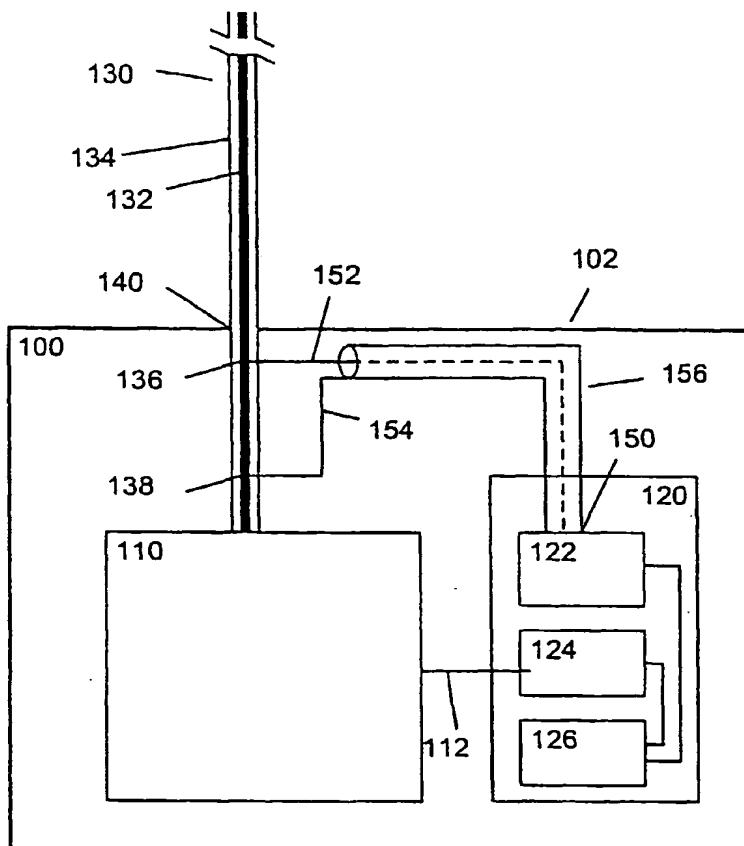
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[Continued on next page]

(54) Title: ANTENNA DEVICE



(57) Abstract: The invention relates to an antenna device for use with a radio transmitter (122) mounted in an electrical installation cabinet (100) such as a fuse box, where at least one electrical supply line (130) is passed through an opening (140) in the installation cabinet (100). The antenna device comprises a signal connection of the radio transmitter's antenna output (150) to a section of the supply line inside the installation cabinet (100). The result of this is that the supply line (130) is employed as a travelling wave antenna for the radio transmitter (122). The invention further relates to a remote reading device in which the device is included, a method for providing an antenna for a radio transmitter in an installation cabinet and an application of a supply line that is passed into or out of the installation cabinet.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 03/00021

A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0141325 A2 (TELEFONAKTIEBOLAGET LM ERICSON (PUBL)), 7 June 2001 (07.06.01), the whole document	1,10,12
A	--	2,4-8
A	US 6040759 A (SANDERSON, L.W.), 21 March 2000 (21.03.00), figure 10, the whole document	1-2,4-7
A	US 6262685 B1 (WELCH, E.E. ET AL), 17 July 2001 (17.07.01), cited in the application	8
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4032723 A (MENDOZA, L.E.), 28 June 1977 (28.06.77), cited in the application --	1-12
A	US 4350980 A (WARD, S.M.), 21 Sept 1982 (21.09.82), cited in the application -- -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

29/03/03

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Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	0141325	A2	07/06/01	AU NL	2558201 A 1013709 C	12/06/01 00/00/00

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US	4350980	A	21/09/82	NONE		
